

Task Risk Control Sheet

Water Pumps

RCS No: NR/L3/MTC/RCS0216/TEL16
Issue: 2

 <p>Key Risks !</p>	<ul style="list-style-type: none"> • Fire • Biological Hazard • Confined Spaces • Electrocutation 	Personnel Involved	E&P	
			S&T	✓
			Track	
			Off Track	
			Property	

Tools / Equipment	Transformers	Spill Kits	Portable Bunds
Plant	Water pump	Generator	

Task Risks	Controls	Implemented By
Generic Risks	<ul style="list-style-type: none"> • Refer to RCS Manual section GA,GH and GHE for generic risks associated with working on the railway.. 	Team Leader
Fuelling: Fire Spillages Dermatitis	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GA17 - Decanting fuel and fuelling of small plant • Use rubber gloves when decanting and fuelling • Wash hands after use • See Risk Control Sheet NR/L3/MTC/RCS0216/GH03 – Biological and Chemical Hazards 	Team Leader / All Staff
Running pump: Exhaust fumes Fire	<ul style="list-style-type: none"> • Pump to be run in a well ventilated area. Personnel to stay well clear of exhaust system. • Direct exhaust away from chamber • See Risk Control Sheet NR/L3/MTC/RCS0216/GA09 - Entry into Confined Spaces 	Team Leader / All Staff
Discharges from pump: Environmental contamination Biological Hazards – weils, Human/Vermin Waste etc	<ul style="list-style-type: none"> • Do not pump water from chamber to trackside, drains or watercourses if there are signs of heavy contamination in the water to be pumped. • Inform your line manager who will identify the responsible person who should provide a means of collecting and disposing of the contaminated water, through a licensed waste disposal contractor, to an appropriate site • See Risk Control Sheet NR/L3/MTC/RCS0216/GH03 – Biological and Chemical Hazards 	Team Leader / All Staff
Subsurface Stations: Fire Exhaust fumes	<ul style="list-style-type: none"> • The use of intrinsically safe power units is mandatory when passengers are on stations. • Permission to use standard power units shall be obtained from the station operator. Permit to work system • Direct exhaust to a well ventilated area • Use electric pumps where available 	Team Leader / All Staff
Electrocutation	<ul style="list-style-type: none"> • Pump discharge shall be kept clear of all electrical circuits, including AC and DC electrified lines, electrical switchgear and connection boxes 	Team Leader / All Staff
Use of Generator	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/SP12 – Use of portable and welding generators 	Team Leader / All Staff
Environmental	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GHE08 – Discharge to Water 	Team Leader / All Staff

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PPE Required by NR / Maintenance Policy



Wear Head Protection



Wear Foot Protection



Wear Hi Visibility Clothing



Wear Safety glasses to BS EN166.F

If safety glasses introduce a risk (ie weather conditions) then the Team Leader shall assess the risk. The outcome of the assessment shall be recorded on the SSOWPS pack and safety glasses may be removed.

This does not supersede the requirements for eye protection detailed on relevant Task Risk Control Sheets.

Additional PPE Required by Task Risk Control Sheet



Wear Hand Protection



Wear Wellingtons For water Protection